

What is claimed is:

1. A bacterium belonging to the genus *Escherichia*, wherein L-threonine resistance of said bacterium is enhanced by enhancing an activity of protein as defined in the following (A) or (B) in a cell of said bacterium:

(A) a protein which comprises the amino acid sequence shown in SEQ ID NO: 4 in Sequence Listing; or

(B) a protein which comprises the amino acid sequence including deletion, substitution, insertion or addition of one or several amino acids in the amino acid sequence shown in SEQ ID NO: 4 in Sequence Listing, and which has an activity of making a bacterium having the protein L-threonine-resistant.

2. The bacterium according to claim 1, wherein L-homoserine resistance of said bacterium is further enhanced by enhancing an activity of protein as defined in the following (C) or (D) in a cell of said bacterium:

(C) a protein which comprises the amino acid sequence shown in SEQ ID NO: 2 in Sequence Listing; or

(D) a protein which comprises the amino acid sequence including deletion, substitution, insertion or addition of one or several amino acids in the amino acid sequence shown in SEQ ID NO: 2 in Sequence Listing, and which has an activity of making a bacterium having the protein L-homoserine-resistant.

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3. The bacterium according to claim 1 or 2, wherein said activity of protein as defined in (A) or (B) is enhanced by transformation of said bacterium with DNA coding for the protein as defined in (A) or (B).

4. The bacterium according to claim 2, wherein said activity of protein as defined in (C) or (D) is enhanced by transformation of said bacterium with DNA coding for the protein as defined in (C) or (D).

5. A method for producing an amino acid, comprising the steps of:

cultivating the bacterium as defined in any one of claims 1 to 4, which has an ability to produce the amino acid, in a culture medium, to produce and accumulate the amino acid in the medium and

recovering the amino acid from the medium.

6. The method according to claim 5, wherein said amino acid is selected from the group consisting of L-homoserine, L-threonine and branched chain amino acids.

7. The method according to claim 6, said branched chain amino acids is L-valine or L-leucine.

8. A DNA which encode a protein defined in the following (A) or (B):

(A) a protein which has the amino acid sequence of SEQ ID NO: 4;

(B) a protein which has the amino acid sequence of SEQ ID NO: 4 including substitution, deletion, insertion, addition, or inversion of one or several amino acids,

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9. The DNA of claim 8 which is a DNA defined in the following (a) or (b):

(b) a DNA which is hybridizable with a nucleotide sequence of nucleotide numbers 187 to 804 in SEQ ID NO: 3 or a probe prepared from the nucleotide sequence under a stringent condition, and encodes a protein having an activity of making a bacterium having the protein L-threonine-resistant.

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